Translation





PCT

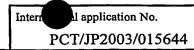
INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference B020525WO01	FOR FURTHER AC	CTION	See Form PCT/IPEA/416
International application No.	International filing da	te (day/month/year)	Priority date (day/month/year)
PCT/JP2003/015644	08 December 20	03 (08.12.2003)	06 December 2002 (06.12.2002)
International Patent Classification (IPC) or national classification and IPC C07C 67/36, 69/716, C07D 317/60, C12P 41/00 // C07M 7:00			
Applicant	KANEKA CO	RPORATION	
This report is the international prelin Authority under Article 35 and trans	minary examination reposmitted to the applicant	ort, established by this according to Article 3	International Preliminary Examining 5.
2. This REPORT consists of a total of	4 sheets,	including this cover s	heet.
3. This report is also accompanied by A			
a. (sent to the applicant and	to the International Bu	reau) a total of	sheets, as follows:
sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).			
sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.			
b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) , containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the			
Administrative Instructions).			
4. This report contains indications rela	ting to the following ite	ms:	·
Box No. I Basis of the re	eport		
Box No. II Priority			
Box No. III Non-establish	ment of opinion with re	gard to novelty, inven	tive step and industrial applicability
Box No. IV Lack of unity	of invention		
Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
Box No. VI Certain docum			
Box No. VII Certain defects in the international application			
Box No. VIII Certain observations on the international application			
Date of submission of the demand		Date of completion of	of this report
03 June 2004 (03.06.2004)		06 October 2004 (06.10.2004)	
Name and mailing address of the IPEA/JP		Authorized officer	
Facsimile No.		Telephone No.	

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY



Box No.	<u> </u>	Basis of the report	
 With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item. 			
		report is based on translations from the original language into the following language, h is language of a translation furnished for the purpose of:	
		international search (under Rules 12.3 and 23.1(b))	
		publication of the international application (under Rule 12.4)	
		international preliminary examination (under Rules 55.2 and/or 55.3)	
furnisi and ar	hed to re not	to the elements of the international application, this report is based on (replacement sheets which have been to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" annexed to this report):	
		nternational application as originally filed/furnished	
		escription:	
1	pages		
	pages		
	_		
		aims:	
1	pages		
Į.	pages		
	pages		
'-'	pages	rawings: , as originally filed/furnished	
	pages		
	pages		
		uence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.	
<u> </u>	- 30Y		
3. [7]	The	amendments have resulted in the cancellation of:	
	出	the description, pages	
	님	the claims, Nos	
	님	the drawings, sheets/figs	
1	出	the sequence listing (specify):	
	Ш	any table(s) related to sequence listing (specify):	
4.	made	report has been established as if (some of) the amendments annexed to this report and listed below had not been e, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box e 70.2(c)). the description, pages the claims, Nos the drawings, sheets/figs the sequence listing (specify):	
1		any table(s) related to sequence listing (specify):	
1			
* If ite	m 4 ap	oplies, some or all of those sheets may be marked "superseded."	

INTERNATIONAL PREL ARY REPORT ON PATENTABILITY



Box No. 1	M Non-establishment of opinion wi	th regard to novelty, inventive step and industrial applicability	
The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been examined in respect of:			
	the entire international application.		
\boxtimes	claims Nos. 7-30		
becaus	the said international application or t	he said claims Nos which does not require an international preliminary examination (specify):	
	the description, claims or drawings (in are so unclear that no meaningful opin	ndicate particular elements below) or said claims Nosnion could be formed (specify):	
	the claims, or said claims Nos. by the description that no meaningful	opinion could be formed.	
\boxtimes	no international search report has bee	n established for said claims Nos	
	the nucleotide and/or amino acid sequ Administrative Instructions in that:	ence listing does not comply with the standard provided for in Annex C of the	
	the written form	has not been furnished	
		does not comply with the standard	
	the computer readable form	has not been furnished	
·		does not comply with the standard	
	the tables related to the nucleotide and the technical requirements provided for	I/or amino acid sequence listing, if in computer readable form only, do not comply with \mathbf{r} in Annex C- \mathbf{b} is of the Administrative Instructions.	
	see Supplemental Box for further deta	ils.	

INTER	NA	TTON A	L PRE	Τ.

RY REPORT ON PATENTABILITY

International application No.	
CT/JP03/1564	14

NO

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
1. Statement			
Novelty (N)	Claims	:	YES
	Claims	1-6	МО
Inventive step (IS)	Claims		YES
	Claims	1-6	МО
Industrial applicability (IA)	Claims	1-6	YES

2. Citations and explanations (Rule 70.7)

Document 1: EP 0212859 A2 (Imperial Chemical Industries PLC), March 4, 1987 (Document 1 was cited in the ISR.)

Claims

Document 1 (see claims, pages 21, 25, example 1) describes, after converting the compound represented by the general formula (1) of this application into the compound represented by the general formula (2) of this application, adding a sodium carbonate solution and sorting out the hydrophilic phase.

Therefore, claims 1-6 do not appear to be novel and to involve an inventive step.